

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Shannon V. Davidson et al.  
Serial No.: 10/825021  
Filing Date: 15 April 2004  
Group Art Unit: 2191  
Confirmation No.: 7500  
Examiner: Ted T. Vo  
Title: *System and Method for Topology-Aware Job Scheduling and  
Backfilling in an HPC Environment*

**Mail Stop: Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**Response Under 37 C.F.R. § 1.111**

In response to the Office Action sent 31 October 2008, Applicants respectfully request the Examiner to reconsider the rejection of the claims in view of the following.